



J.N. 08/25/133

In re PATENT APPLICATION of

Applicant: Inga et al.

Docket: IS3

Proposed Art Unit: 2612

Proposed Class: 358/403

Title: Medical Image System with Progressive Resolution

a continuation of

Inventor: Inga et al.

Docket: ISD

Filing Date: 03/04/94

Art Unit: 2612

Serial Number: 08/206,525

Proposed Class: 358/403

Title: Image Transmission System with Patterned Data Compression

a division of

Applicant: Inga et al

Examiner: Rogers, S.

Filing Date: 07/20/92

Art Unit 2612

Serial Number: 07/915,298

Class: 358/403

Title: (Amended) Variable Resolution Medical Image System

ABSTRACT OF THE DISCLOSURE

A storage, retrieval, and transmission system is configured to provide fast, efficient telecommunication access to digitized images (e.g., medical diagnostic X-ray images) to multiple requesting subscribers. Image data are downloaded, via the telephone lines, to a remote display terminal as a plurality of portions of a compressed digital image representation. Data from a first transmitted portion is used to construct a displayable image at the terminal. Data from subsequently transmitted portions are combined with the displayable image data to provide an image with an improved resolution.

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